

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050348

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B27/32 G11B20/12 G11B20/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	US 2005/030849 A1 (PARK YONG CHEOL) 10 February 2005 (2005-02-10) abstract paragraphs '0002! - '0011! paragraphs '0040! - '0070! paragraphs '0080!, '0081! paragraphs '0112! - '0120! figures 2-4,7-9,15	1-9
E	WO 2005/015558 A (PIONEER CORPORATION; YOSHIDA, MASAYOSHI; KODA, TAKESHI; KATATA, KEIJI) 17 February 2005 (2005-02-17) abstract	1,6,9
P,A	WO 2004/090890 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; NIJBOER, JAKOB, G; IJTSM, POPE) 21 October 2004 (2004-10-21) the whole document	1,6,9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 September 2005

Date of mailing of the international search report

11/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Sucher, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050348

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO 2004/029941 A (LG ELECTRONICS INC) 8 April 2004 (2004-04-08) the whole document -----	1,6,9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Publication No

PCT/IB2005/050348

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005030849 A1	10-02-2005	WO 2005013265 A1	10-02-2005
WO 2005015558 A	17-02-2005	NONE	
WO 2004090890 A	21-10-2004	NONE	
WO 2004029941 A	08-04-2004	AU 2003265100 A1	19-04-2004
		BR 0306601 A	07-12-2004
		CA 2478661 A1	08-04-2004
		EP 1547065 A1	29-06-2005
		US 2004090888 A1	13-05-2004